

WHAT IS CLAIMED IS:

1. A coating solution comprising:

a first ingredient solute comprising a silicone oil
and a first solvent;

a second ingredient solute comprising a
polymethacrylic acid alkyl ester and a second solvent;

a clearing agent comprising amides and being added
to a mixture of the first and second ingredient solutes in
an amount effective to dissolve the silicone oil and the
polymethacrylic acid alkyl ester to form a clear solution;
and

a functional agent selected from the group
consisting of a resin and a fatty acid alkyl ester, the
functional agent being added to the mixture of the first and
second ingredient solutes in an amount effective to impart a
desired coating feature to the clear solution.

2. A coating solution according to claim 1; wherein the
clearing agent comprises a compound of the amides selected
from the group consisting of formamide, acetamide, and
formohydrazide.

3. A coating solution according to claim 1; wherein the
functional agent comprises the resin made of a rosin, which
is added to impart a glossing feature to the clear solution.

4. A coating solution according to claim 1; wherein the functional agent comprises the fatty acid alkyl ester composed of a palmitic acid alkyl ester, which is added to impart a smoothing feature to the clear solution.

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5. A coating solution according to claim 1; wherein the first and second solvents comprise at least one compound selected from the group consisting of terpenic oil, heptane, 2-butanone and 1,4 dioxane.

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6. A method of producing a coating solution for coating a material, comprising the steps of:

producing a first ingredient solute comprising a silicone oil and a first solvent;

producing a second ingredient solute comprising a polymethacrylic acid alkyl ester and a second solvent;

adding a clearing agent comprising amides to a mixture of the first and second ingredient solutes in an amount effective to dissolve the silicone oil and the polymethacrylic acid alkyl ester to form a clear solution; and

adding a functional agent selected from the group consisting of a resin and a fatty acid alkyl ester, to the mixture of the first and second ingredient solutes in an amount effective to impart a desired coating feature to the clear solution.

7. A method according to claim 6; wherein the clearing agent comprises a compound of the amides selected from the group consisting of formamide, acetamide, and formohydrazide.

5 8. A method according to claim 6; wherein the functional agent comprises the resin made of a rosin, which is added to impart a glossing feature to the clear solution.

10 9. A method according to claim 6; wherein the functional agent comprises the fatty acid alkyl ester composed of a palmitic acid alkyl ester, which is added to impart a smoothing feature to the clear solution.

15 10. A method according to claim 6; wherein the first and second solvents comprise at least one compound selected from the group consisting of terpenic oil, heptane, 2-butanone and 1,4 dioxane.

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